|  | Index of Claims                                  |                 |          |  |          |          |          |            |          |                     |                |           |          | Application No. |            |          |          |           |              |              |          |           | Applicant(s)      |       |                |                 |          |          |             |              |                   |         |   |  |
|--|--|-----------------|----------|--|----------|----------|----------|------------|----------|---------------------|----------------|-----------|----------|-----------------|------------|----------|----------|-----------|--------------|--------------|----------|-----------|-------------------|-------|----------------|-----------------|----------|----------|-------------|--------------|-------------------|---------|---|--|
|  |  |                 |          |  |          |          |          |            |          |                     |                |           |          | 10              | 10/038,162 |          |          |           |              |              |          |           |                   |       | <b>&gt;</b> EN | ISI             |          |          |             |              |                   |         |   |  |
|  |  |                 |          |  |          |          |          |            |          |                     |                |           | Examiner |                 |            |          |          |           |              |              |          |           | ORENSTIEN ET      |       |                |                 |          |          | <del></del> | —            |                   |         |   |  |
|  |  |                 |          |  |          |          |          |            |          |                     |                |           |          |                 |            |          |          |           |              |              |          |           |                   |       |                |                 |          |          |             |              |                   |         |   |  |
|  |  | 61HC (161 (161) |          |  |          |          |          | Tung S Lau |          |                     |                |           |          |                 |            |          |          | 2863      |              |              |          |           |                   |       |                |                 |          |          |             |              |                   |         |   |  |
|  |  |                 | _        |  |          |          |          | ı          | ſ        |                     |                |           |          |                 |            |          |          | _         | _            |              |          |           |                   |       | ì              |                 |          |          |             |              | $\neg$            |         |   |  |
|  |  | √               | Rejected |  |          |          |          | _          |          | (TI                 | (Through numer |           |          |                 | al)        | ١.       | N        | Non-El    |              | lect         | ted      | İ         | $ _{\mathbf{A}} $ |       | Appeal         |                 |          |          |             |              |                   |         |   |  |
|  |  |                 | Ĺ        |  |          |          |          |            |          |                     |                | Cancelled |          |                 |            |          |          | 1         |              |              |          |           | _                 |       |                |                 |          | _        |             |              |                   |         |   |  |
|  |  |                 | =        | Allowed  |          |          |          |            | ÷        |                     | Restricted     |           |          | i               |            |          |          | ı         | Interference |              |          | ıce       | ,                 | o     | Objected       |                 |          |          |             |              |                   |         |   |  |
|  |  |                 |          |  |          |          |          |            | Į        |                     | _              |           |          |                 |            |          |          | L         |              |              |          |           |                   |       |                |                 |          |          |             |              |                   |         |   |  |
|  | Cla  | aim             | Date     |  |          |          |          |            |          |                     | Claim          |           |          |                 | Date       |          |          |           |              |              | <b>.</b> | CI        | aim               | Γ.    |                |                 | Dat      | <u> </u> |             |              | ]                 |         |   |  |
|  |  |                 |          | $\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$ |          |          |          |            |          |                     | ╗              |           |          |                 |            |          |          |           |              |              |          |           |                   |       | П              |                 |          |          |             |              |                   |         |   |  |
|  | Final  | Original        | 9-10-04  |  |          |          |          |            |          |                     |                |           | Final    | Original        |            |          |          |           | ļ            |              |          |           |                   | Final | Original       |                 | 1        |          |             |              |                   |         |   |  |
|  | "  | ō               | 0,       | ۱  |          |          |          |            | ļ        |                     |                |           | ш.       | ō               |            |          |          |           |              |              |          | 1         |                   |       | ŏ              |                 |          |          |             |              |                   |         |   |  |
|  |  | 1               | V        |  |          |          |          |            | $\Box$   |                     | ╛              |           |          | 51              | $\Box$     |          |          | 1         |              |              |          |           |                   |       | 101            |                 |          |          |             | Ш            |                   |         |   |  |
|  |  | 3               | 2        | $\dashv$   |          | $\dashv$ |          | -          | -        |                     | 4              |           |          | 52<br>53        | $\dashv$   | +        | $\dashv$ | +         | +            | +            |          | +         |                   |       | 102<br>103     | H               | +        | +-       | +           | $\vdash$     |                   | ╁       |   |  |
|  |  | 4               | V        |  |          |          |          | $\vdash$   | $\dashv$ | $\dashv$            | ᅥ              |           |          | 54              | $\vdash$   | $\dashv$ | $\dashv$ | +         | +            | +            | +        | +-        |                   |       | 104            | H               | 十        | +        | +           | Н            | _                 | +       |   |  |
|  |  | 5               | V        |  |          |          |          |            |          |                     | ╛              |           |          | 55              |            |          |          |           | Ţ            | $\downarrow$ | $\perp$  | #         |                   |       | 105            |                 | $\Box$   |          |             |              |                   |         |   |  |
|  |  | 7               | V        |  |          |          | _        | $\vdash$   | $\dashv$ | -                   | 4              |           |          | 56<br>57        | $\dashv$   | 4        | 4        | -         | +            | +            |          | _         |                   |       | 106<br>107     | $\vdash$        | +        | +        | +           | Н            | +                 | +       |   |  |
|  |  | 8               | V        | $\dashv$   |          |          |          | $\vdash$   | $\dashv$ | $\dashv$            | $\dashv$       |           |          | 58              | $\vdash$   | 十        | +        | $\dashv$  | +            | $\dashv$     | +        |           |                   |       | 108            | $\Box$          | $\dashv$ | +        | $\dagger$   | Н            | $\dashv$          | +-      |   |  |
|  |  | 9               | Z        |  |          |          |          |            |          |                     | ╛              |           |          | 59              |            | 1        |          |           | #            |              |          |           |                   |       | 109            |                 |          |          | $\perp$     |              | $\Box$            |         |   |  |
|  |  | 10<br>11        | 1        |  | _        |          |          | -          | -        | _                   | ᅱ              |           |          | 60<br>61        | $\vdash$   | 4        | $\dashv$ | +         | +            | +            | +        | +         |                   |       | 110<br>111     | -               | -        |          | +-          | Н            | +                 | +       |   |  |
|  |  | 12              | 1        |  |          |          |          |            | $\neg$   | $\dashv$            | ٦              |           |          | 62              | $\vdash$   | $\dashv$ | $\dashv$ | +         | $\dagger$    | $\dagger$    | +        | $\dagger$ |                   |       | 112            |                 | $\dashv$ |          | +           |              |                   | +       |   |  |
|  |  | 13              | Z        |  |          |          |          |            |          |                     |                |           |          | 63              |            |          |          |           |              | $\downarrow$ |          |           |                   |       | 113            |                 |          |          |             |              |                   |         |   |  |
|  |  | 14<br>15        | 4        |  |          |          |          | $\vdash$   | -        |                     | _              |           |          | 64<br>65        | $\vdash$   | $\dashv$ | $\dashv$ | +         | +            | +            | +        | +         |                   |       | 114<br>115     |                 | -+       | +-       | +           | Н            | +                 | +       |   |  |
|  |  | 16              | 1        |  |          |          |          |            |          |                     |                |           |          | 66              |            | 7        | $\dashv$ | $\forall$ | $\dagger$    | $\dagger$    | +        | +         | 1                 |       | 116            |                 | 十        | +        | +           | H            |                   | $\top$  |   |  |
|  |  | 17              | Z        |  |          |          |          |            |          |                     |                |           |          | 67              |            | $\Box$   | $\Box$   | $\Box$    | $\Box$       |              |          |           |                   |       | 117            |                 |          |          |             |              | $\Box$            |         |   |  |
|  |  | 18<br>19        | 1        |  |          | $\dashv$ | _        | $\vdash$   | $\dashv$ | -                   | 4              |           |          | 68<br>69        |            | +        | +        | $\dashv$  | -            | +            | +        | +         |                   |       | 118<br>119     | $\vdash$        | $\dashv$ | +        |             | -            | +                 | +       |   |  |
|  | <del>                                     </del> | 20              | 7        |  | _        | $\dashv$ |          | $\vdash$   | $\dashv$ | $\dashv$            | _              |           |          | 70              | $\neg$     | 十        |          | $\dashv$  | +            | +            | +        | +         |                   |       | 120            | H               | $\dashv$ | +        | +           |              |                   |         |   |  |
|  |  | 21              | 7        |  |          |          |          |            |          |                     |                |           |          | 71              |            | $\Box$   |          |           | Ţ            | $\Box$       |          |           |                   |       | 121            |                 | 4        |          | $\Box$      |              |                   |         | ] |  |
|  |  | 22              | /        |  |          |          |          | $\vdash$   | $\dashv$ | $\dashv$            | _              |           | _        | 72<br>73        |            | +        |          | +         | +            | +            | +        | +         |                   | -     | 122<br>123     | ╁╌┤             | +        | +        | +           | ╁            | +                 | +-      | - |  |
|  |  | 24              |          |  |          |          |          |            |          | $\exists$           |                |           |          | 74              | П          |          |          |           |              |              |          |           | 1                 |       | 124            |                 |          |          |             |              |                   |         | ] |  |
|  |  | 25              | 4        |  |          |          |          | П          |          | $\Box$              |                |           |          | 75              |            | _        | _        | 4         | $\bot$       |              | $\perp$  |           |                   |       | 125            |                 | _        | $\perp$  |             |              |                   | $\perp$ | , |  |
|  |  | 26<br>27        | 1        | -  | _        | _        |          |            | $\dashv$ | $\dashv$            | -              |           |          | 76<br>77        |            | $\dashv$ |          | -+        | +            | +            | ╫        | +         | 1                 |       | 126<br>127     | $\vdash$        | $\dashv$ | +        |             |              | $\perp$           | +       |   |  |
|  | -  | 28              | ľ        |  |          |          |          |            |          |                     |                |           |          | 78              |            |          |          |           | $^{\dagger}$ | T            |          | İ         |                   |       | 128            |                 |          |          |             |              |                   |         |   |  |
|  |  | 29              |          |  |          |          |          |            | _        |                     |                |           |          | 79              | Ш          | $\Box$   | $\Box$   | _         | 4            | 4            |          |           |                   |       | 129            |                 | _        |          | 1           | $oxed{oxed}$ |                   | $\perp$ |   |  |
|  |  | 30<br>31        |          | Н  |          |          |          | H          | $\dashv$ | $\vdash$            |                |           |          | 80<br>81        | $\vdash$   | +        | -        | +         | +            | +            | ╁        | +         | ł                 |       | 130<br>131     | Н               |          | +        | +-          | $\vdash$     | $\vdash$          | +       |   |  |
|  |  | 32              |          |  |          |          |          |            |          |                     | _              |           |          | 82              |            |          |          |           | 士            | $\perp$      |          |           |                   |       | 132            |                 |          |          | 1           |              |                   |         |   |  |
|  |  | 33              | _        |  |          |          |          |            |          |                     |                |           |          | 83              |            | _        | $\dashv$ | _         | 4            | 4            | _        |           |                   | ļ     | 133            |                 |          | -        | 4           |              | $\vdash$          | +       |   |  |
|  |  | 34<br>35        |          | $\dashv$   |          |          |          | Н          | -        | +                   | -              |           |          | 84<br>85        | $\vdash$   | $\dashv$ | $\dashv$ | +         | ╁            | $\dashv$     | +        | +         | ł:::              |       | 134<br>135     | -               | -+       | +        | +           | H            | +                 | +       |   |  |
|  |  | 36              |          |  |          |          |          |            |          |                     |                |           |          | 86              |            |          |          |           | 1            |              |          |           |                   |       | 136            |                 | 士        |          |             |              |                   |         |   |  |
|  |  | 37              | _        |  |          |          | _        | $\sqcup$   | _        | -                   |                |           | ļ        | 87              | Ш          | _        | 4        |           | +            | 4            | _        | - -       |                   |       | 137            | $\square$       | +        | -        | +-          | -            |                   | +       |   |  |
|  |  | 38              | H        |  |          | -        | _        | $\vdash$   |          | -+                  | _              |           |          | 88              | $\vdash$   | -        | $\dashv$ |           | +            | +            | -        | +-        | 1                 |       | 138<br>139     | $\vdash$        |          |          | +-          | -            |                   | +       | 1 |  |
|  |  | 40              |          |  |          |          |          |            |          |                     |                |           |          | 90              |            |          |          |           |              |              |          |           |                   |       | 140            |                 |          |          |             |              |                   |         |   |  |
|  |  | 41              | _        |  |          |          |          | $\prod$    |          | $\prod$             |                |           |          | 91<br>92        | $\square$  | $\dashv$ | 4        | $\dashv$  | $\perp$      | $\dashv$     | $\perp$  | -         |                   |       | 141<br>142     | $\vdash \vdash$ | $\dashv$ | +        | +           | $\vdash$     | - -               | +       | - |  |
|  | -  | 42<br>43        | $\vdash$ | H  |          | H        | $\vdash$ | -          |          | $\vdash$            |                |           |          | 93              | H          | $\dashv$ | $\dashv$ | +         | +            | 十            | +        | +-        | 1                 |       | 143            | $\vdash$        | $\dashv$ | +        | +           | $\vdash$     | $\vdash \uparrow$ | +       | 1 |  |
|  |  | 44              |          |  |          |          |          |            |          |                     |                |           |          | 94              |            |          | 1        | ユ         | $\downarrow$ |              |          | 工         |                   |       | 144            | $\square$       | 耳        |          |             |              |                   |         | ] |  |
|  | <u> </u>   | 45<br>46        | <u> </u> | Ц  | L        | $\vdash$ | _        |            | _        | $\vdash \downarrow$ | _              |           |          | 95<br>96        | $\vdash$   | $\dashv$ | 4        | _         | +            | $\dashv$     | +        | +         | 4                 |       | 145<br>146     | $\vdash \vdash$ | $\dashv$ | +        | +           | -            | $\vdash \vdash$   | -       | - |  |
|  |  | 47              | -        | Н  | $\vdash$ | _        | -        |            |          | H                   | _              |           | <u> </u> | 97              | H          | $\dashv$ | -        | +         | +            | +            | +        | +         | 1                 |       | 147            | $\vdash$        | $\dashv$ | +        | +           | +            | $\dashv$          | +       | 1 |  |
|  |  | 48              |          |  |          |          |          |            |          |                     |                |           |          | 98_             |            | $\Box$   |          | $\dashv$  | $\downarrow$ | $\dashv$     |          |           |                   |       | 148            | $\Box$          | $\Box$   |          | Ţ           |              | 口                 |         | ] |  |
|  |  | 49<br>50        | -        | $\vdash$   | -        | -        | -        |            |          |                     | _              |           |          | 99<br>100       | $\vdash$   | $\dashv$ | $\dashv$ | +         | +            | +            | +        | +-        | 4                 |       | 149<br>150     | $\vdash$        | $\dashv$ | +        | +           | +            | $\vdash \vdash$   | -       | - |  |
|  |  | 1 30            |          | ш  |          | لــــا   | ь_       |            |          | ᆫᆜ                  |                | ::::i     |          | 1100            | ᆜ          |          |          | L         | L            |              | L_       |           | ]:::::            | L     | 1 100          |                 |          |          |             |              | ╙                 | L_      | 1 |  |